

A structure with multiple functions, used as a
covering

Abstract

A structure used as a covering and having different functions, includes several section bars (700, 701, 101') preferably made of aluminium or generally of light metal, which form uprights (701) and horizontal support beams (101'; 700). The structure includes aseismatic elements (306; 307; 319) at the interconnection or branching points between the horizontal section bars (beams) and the vertical section bars (uprights), and at the base of the uprights. At these points there are also provided elements (2, 303, 304, 308) to promote the downflow of rainwater. The structure is equipped with at least one telescopic roof that may be transparent or not. Additional functions provided by the structure are the anti-wind function, the water drainage from the roof, the self-cleaning function used for automatically cleaning the roof with water jets and scraping gaskets, etc.